

Abstract

Device for the DC-decoupled connected of a telephone line to a signal processing device at the subscriber end of the telephone line

A device for the DC-decoupled connection of a telephone line to a signal processing device at the subscriber end of the telephone line is disclosed. The device exhibits a first circuit which is connected to the telephone line, a second circuit which is connected to the signal processing device, and a transformer which exhibits a first and a second winding, the first winding being connected to the first circuit and the second winding being connected to the second circuit and the first and second winding being DC-decoupled from one another. The device is characterized by the fact that the first circuit exhibits a hybrid circuit for separating the signals of the telephone line into a first signal path which extends from the telephone line to the signal processing device, and into a second signal path which extends from the signal processing device to the telephone line.

Figure 1